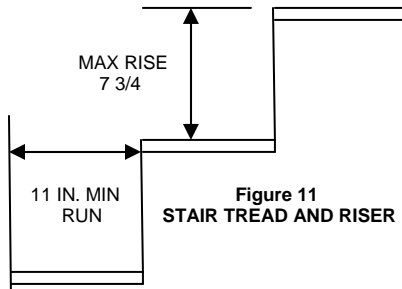




RESIDENTIAL STAIRS

STAIRS TREADS AND RISERS

2007 CBC—Section 1009.3

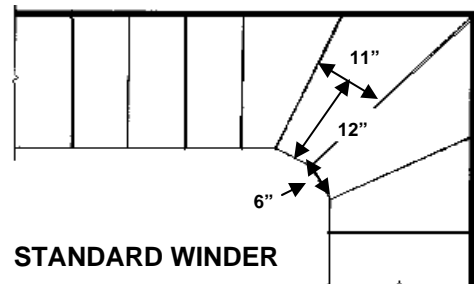


STANDARD STAIR

SPECIAL STAIRS

Winder Stairs

2007 CBC—Section 1009.3.1.



STANDARD WINDER

SEE EXCEPTION BELOW

1009.3 Stair treads and risers. Stair riser heights shall be 7 inches maximum and 4 inches minimum. Stair tread depths shall be 11 inches minimum. The riser height shall be measured vertically between the leading edge of adjacent treads. The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. Winder treads shall have a minimum tread depth of 11 inches measured at a right angle to the tread's leading edge at a point 12 inches from the side where the treads are narrower and a minimum tread depth of 10 inches.

Exceptions:

4. In Group R-3 occupancies; within dwelling units in group R-2 occupancies; and in Group U occupancies that are accessory to a Group R-3 occupancies: the maximum riser height shall be 7.75 inches; the minimum tread depth shall be 10 inches; the minimum winder tread depth at the walk line shall be 10 inches; and the minimum winder tread width shall be 6 inches. A nosing not less than 0.75 inch but not more than 1.25 inches shall be provided on stairways with solid risers where the tread depth is less than 11 inches.

5. See The Section 3403.4 for the replacement of existing stairways. [HCD 1] See Chapter 34, Section 3403.1, Exception 2 for additions, alterations or repairs to existing buildings. [DSA-AC] For applications listed in Section 109.1 regulated by the Division of the State Architect— Access Compliance, see Chapter 11B, Section 1134B.

1009.3.2 Dimensional uniformity. Stair treads and risers shall be of uniform size and shape. The tolerance between the largest and smallest riser height or between the largest and smallest tread depth shall not exceed 0.375 inch in any flight of stairs. The greatest winder tread depth at the 12" walk line within any flight of stairs shall not exceed the smallest by more than 0.375 inch measured at a right angle to the treads leading edge.

1009.4 Stairway landings. There shall be a floor landing at the top and bottom of each stairway. The width of landings shall not be less than the width of the stairway they serve. Every landing shall have a minimum dimension measured in the direction of travel equal to the width of the stairway. Such dimension need not exceed 48 inches where the stairway has a straight run.